

SUBJECT INDEX

b = Book review; *c* = Correspondence

- Aerosol monitoring system, alcalase detection for inclusion, suitability of chromogenic substrates 361-370
- Aerosol samplers, semi-empirical model for aspiration efficiencies 93-113
- Agius, Raymond, President of the BOHS 1995-1996 125
- Air contaminants indoors, mapping using a prototype computed tomography system 675-691
- Air movement around a worker in a low-speed flow field 57-64
- Airborne asbestos concentrations, personal and area, during asbestos abatement 449-466
- Airborne concentrations of asbestos fibres, assessment by TEM, effect of preparation methods 321-330
- Airborne exposure to polycyclic aromatic hydrocarbons and urinary excretion of 1-hydroxypyrene, carbon anode plant workers 345-357
- Airborne fibre samples, SEM sizing 45-55
- Airborne inorganic fibre level monitoring by TEM 29-44
- Airborne micro-organisms, farm environment, quantification by epifluorescence microscopy 437-447
- Airflow, recirculating, exposure of workers in near-wake region 511-523
- Alcalase detection for inclusion in an aerosol monitoring system, suitability of chromogenic substrates 361-370
- Arc welding, metal cored, reduction of hexavalent chromium concentration in fumes by addition of reactive metals 339-344
- Asbestos
 - airborne concentrations, personal and area, during asbestos abatement 449-466
 - reference standards - made available for analysts 711-714
 - wet-stripping agents, effects on filters used in powered respirators 539-553
- Asbestos fibres
 - airborne concentration
 - assessment by TEM
 - effect of preparation methods 321-330
 - use of new static device 311-319
 - exposure during gasket removal 583-588
- Aspiration efficiencies of personal aerosol samplers, semi-empirical model 93-113
- Asthma
 - following inhalation accidents, reported to the SWORD project 645-650
 - occupational, importance of peak exposures 719-722^c
- Axisymmetric air flow of local exhaust ventilation hood 171-196
- Battery workers, re-examination of cadmium in urine 233-236
- Biological monitoring
 - determination of silver in whole blood of occupationally exposed groups 331-338
 - selected ion flow tube (SIFT), novel technique 615-626
 - topics 359^b
- Biotechnology, process micro-organisms, methods of monitoring 245-260
- BT underground structures, radon in the workplace 569-581
- Building materials, volatile metabolites produced by two fungal species cultivated on 397-410
- Cadmium in urine, re-examination 233-236
- Canada, in particular Ontario, occupational health and safety initiatives and trends 477-485
- Captan, dermal exposure 611-614
- Carbon anode plant workers, airborne exposure to polycyclic aromatic hydrocarbons and urinary excretion of 1-hydroxypyrene 345-357
- Carbon black manufacture, occupational exposure, data from 1987 to 1992 65-77
- CATHIA sampling head for collection of thoracic fraction, airborne concentration of asbestos fibres 311-319
- Chemical pollutants in X-ray film processing departments 432-435
- Chemicals, assessing human health risks, derivation of guidance values for health-based exposure limits 243-244^b
- Chemometrics in occupational hygiene 145-169
- Chromogenic substrates
 - suitability for alcalase detection for inclusion in aerosol monitoring system 361-370
 - use in personal monitors for detection of protease in factory air, theoretical model 371-379
- Compressed air tunnelling, effect of pressure on portable gas monitoring equipment 11-28

Subject Index

- Computed tomography, prototype system for mapping air contaminants indoors 675-691
Cr(VI) *see* Hexavalent chromium
- Diffusive samplers, effect of face velocity on performance 467-476
Diffusive sampling and composition of formaldehyde atmospheres 555-567
Doctors, sickness in the medical profession 391-396
Dolomite, tremolite fibres, computer analysis 197-209
Drum dustiness test, documentation 627-643
Dry cleaning establishments, tetrachloroethylene exposure, on-site monitoring 281-292
Dust monitor, passive, personal 261-280
Dustiness drum test, documentation 627-643
Dusts, filter-mounted, effect of storage, handling and transport traumas 525-530
- Environment, farm, airborne micro-organisms, quantification by epifluorescence microscopy 437-447
Environmental health criteria, assessing human health risks of chemicals, derivation of guidance values for health-based exposure limits 243-244^b
Epifluorescence microscopy in quantification of airborne micro-organisms in the farm environment 437-447
Exhaust duct, effect of location, airflow inside and around 127-144
Exhaust ventilation hood, mathematical model for axisymmetric air flow 171-196
Exposure levels, task-based, are they a valuable index of exposure for epidemiology? 715-717^c
- Face velocity, effect on performance of diffusive samplers 467-476
Factory air, protease detection, use of chromogenic substrates 371-379
Farm environment, airborne micro-organisms, quantification by epifluorescence microscopy 437-447
Fibre samples, airborne, SEM sizing 45-55
Field portable X-ray fluorescence spectrometer, monitoring surface and airborne inorganic contamination 589-610
Filter-mounted dusts, effect of storage, handling and transport traumas 525-530
Filter surfaces, variable inclination of fibres to, SEM sizing 45-55
Flow patterns
 induced by push-pull ventilation system, numerical modelling 293-310
 inside and around fume cupboard 127-144
Fluoride poisoning fatality following dermal contact with hydrofluoric acid, palynology laboratory 705-710
Fork-lift trucks, vibration exposure 79-91
Formaldehyde atmospheres, composition 555-567
- Fume cupboard, airflow inside and around 127-144
Fungal species cultivated on building materials, volatile metabolites produced by 397-410
- Gas monitoring equipment, portable, effect of pressure during compressed air tunnelling 11-28
Gasket removal, exposure to asbestos fibres 583-588
Gasoline and some of its components, exposure of tanker drivers 1-10
- Health hazards in industry, recognition, review of materials and processes 119-120^b
Hexavalent chromium, reduction in fumes from metal cored arc welding by addition of reactive metals 339-344
Hydrocarbon solvents, occupational hygiene limits 237-242
Hydrofluoric acid, fatality following dermal contact, palynology laboratory 705-710
1-Hydroxypyrene, urinary excretion, and airborne exposure to polycyclic aromatic hydrocarbons, carbon anode plant workers 345-357
Hygiene, Patty's industrial hygiene and toxicology, theory and rationale of industrial hygiene practice, biological response 488-489^b
- Industrial atmosphere, serine protease enzymes, development of near real-time monitoring systems 381-389
Industry
 health hazards, recognition, review of materials and processes 119-120^b
 Patty's industrial hygiene and toxicology, theory and rationale of industrial hygiene practice, biological response 488-489^b
- Inhalation accidents
 asthma following, reported to the SWORD project 645-650
 reported to the SWORD surveillance project 1990-1993 211-221
Insecticide, permethrin, occupational exposure 499-509
Ionising radiation, protection against, management 120-121^b
- Long range exhaustion, mathematical model 171-196
Low-speed flow field, air movement around worker in 57-64
Lung diseases, occupational 487^b
- Man-made mineral fibre, classification 115-117^c
Medical profession, sickness 391-396
Metabolites from building materials 397-410
Metal cored arc welding, reduction of hexavalent chromium concentration in fumes by addition of reactive metals 339-344

Subject Index

- Micro-organisms, process, in biotechnology
 - methods of monitoring 245-260
 - monitoring 223-232
- Multi-gas monitors, compressed air
 - tunnelling, assessment 11-28
- Musculoskeletal diseases and monotonous work 661-673
- Near real-time monitoring systems,
 - development for some serine protease enzymes in industrial atmosphere 381-389
- Near-wake region, effect of contaminant source location on worker exposure 511-523
- Neck and shoulder ailments in female industrial workers with monotonous work 661-673
- Nickel alloy production, worker exposures to inhalable and total aerosol during 651-659
- Non-ionising radiation, protection against, management 120-121^b
- Occupational exposure to carbon black in its manufacture, data from 1987 to 1992 65-77
- Occupational hazards in industry, recognition, review of materials and processes 119-120^b
- Occupational health and safety initiatives and trends in Canada, in particular Ontario 477-485
- Occupational lung diseases 487^b
- Open surface tanks, push-pull ventilation systems, recommendations for design 693-704
- Patty's industrial hygiene and toxicology, theory and rationale of industrial hygiene practice, biological response 488-489^b
- Permethrin, occupational exposure during use as public hygiene insecticide 499-509
- Personal dust monitor, passive 261-280
- Petrol and some of its components, exposure of tanker drivers 1-10
- Pollutants, chemical, in X-ray film processing departments 432-435
- Polycyclic aromatic hydrocarbons
 - airborne exposure, and urinary excretion of 1-hydroxypyrene, carbon anode plant workers 345-357
 - in quench oils 531-537
- President of the BOHS 1995-1996, Raymond Agius 125
- Process micro-organisms in biotechnology
 - methods of monitoring 245-260
 - monitoring 223-232
- Protease detection in factory air, use of chromogenic substrates 371-379
- Push-pull ventilation system
 - flow patterns induced by, numerical modelling 293-310
 - for open surface tanks, recommendations for design 693-704
- Quench oils, polycyclic aromatic hydrocarbons 531-537
- Radiation, ionising and non-ionising,
 - protection against, management 120-121^b
- Radon in the workplace, BT underground structures 569-581
- Reactive metals, addition in metal cored arc welding, and reduction of hexavalent chromium concentration in fumes 339-344
- Recirculating airflow, exposure of workers in near-wake region 511-523
- Respirators, filters, and wet-stripping of asbestos 539-553
- Respiratory symptoms and function in workers exposed to tea fluff 491-497
- Safety initiatives and trends in Canada, in particular Ontario 477-485
- Sample transfer techniques, airborne inorganic fibre level monitoring, TEM 29-44
- Scanning electron microscope sizing of airborne fibre samples 45-55
- Selected ion flow tube (SIFT), novel technique for biological monitoring 615-626
- Serine protease enzymes in industrial atmosphere, development of near real-time monitoring systems 381-389
- Sick building syndrome, volatile metabolites produced by two fungal species cultivated on building materials 397-410
- Sickness in the medical profession 391-396
- Silver, determination in whole blood and its application to biological monitoring of occupationally exposed groups 331-338
- Skin notation, strategy for assigning 611-614
- Spectrometer, X-ray fluorescence, field portable, monitoring surface and airborne inorganic contamination 589-610
- SWORD project, reports of asthma following inhalation accidents 645-650
- SWORD surveillance project 1990-1993, inhalation accidents reported to 211-221
- Tanker drivers, exposure to gasoline and some of its components 1-10
- Tanks, open surface, push-pull ventilation systems, recommendations for design 693-704
- Task-based exposure levels, are they a valuable index of exposure for epidemiology? 715-717^c
- Tea fluff, respiratory symptoms and function of exposed workers 491-497
- Tetrachloroethylene, dry cleaning establishments, personal exposure, on-site monitoring 281-292
- Tetrahydrophthalimide, dermal absorption 611-614
- Toxicology, Patty's industrial hygiene and toxicology, theory and rationale of industrial hygiene practice, biological response 488-489^b
- Transmission electron microscopy, effect of preparation methods on assessment of airborne concentrations of asbestos fibres 321-330

Subject Index

Tremolite fibres in dolomite, computer
analysis 197-209

Ventilation system, push-pull
flow patterns induced by, numerical
modelling 293-310
for open surface tanks, recommendations
for design 693-704

Vibration exposure on fork-lift trucks
79-91

Volatile metabolites produced by two fungal
species cultivated on building materials
397-410

Women, neck and shoulder ailments with
monotonous work 661-673

X-ray film processing departments, chemical
pollutants 432-435

Xylene exposure at selected workplaces
411-422

AUTHOR INDEX

nn = Notes and News; *L* = Letter to the Editor; *b* = Book Review; *sc* = Short Communication

- Addison, J. 711ⁿⁿ
- Alexander, I.C. 115^L
- Andersson, B. 397
- Armitage, S.A. 331
- Awan, S. 525
- Bergman, G. 197
- Billon-Galland, M.A. 311, 321
- Björkstén, M.G. 661
- Blomquist, G. 397
- Boleij, J.S.M. 611^{sc}
- Boquist, B. 661
- Brazier, A. 499
- Brochard, P. 311, 321
- Brown, R. 499
- Brown, R.C. 115^L, 539
- Burgess, G. 525
- Bye, E. 145
- Calvert, I.A. 65
- Cherrie, J.W. 715^L
- Cocker, J. 499
- Coles, I. 120
- Cottam, A.N. 223
- Crook, B. 223, 245
- Cumming, R.H. 361, 371, 381
- Dabill, D.W. 11, 281, 423
- Davies, L.S.T. 711ⁿⁿ
- De Cock, J. 611^{sc}
- Dennis, J.H. 339
- Dewell, P. 233^{sc}
- Dost, A.A. 589
- Dunne, S.P. 569
- Edling, C. 661
- Eduard, W. 437
- Ellwood, P.A. 531
- Enbom, S. 511
- Evans, P.G. 539
- Evans, M.L. 499
- Fabriès, J.F. 311
- Farmer, T.H. 237
- Fletcher, B. 57
- French, M.J. 339
- Gardiner, K. 65
- Gardner, R. 411
- Genovese, J. 705^{sc}
- Gompertz, D. 359^b
- Groves, J.A. 11, 281, 423, 555
- Hakkola, M. 1
- Hampton, J. 499
- Harrington, J.M. 65
- Heederik, D. 611^{sc}
- Heldal, K. 437
- Hellman, B. 243^b
- Hewitt, P.J. 339
- Hill, B. 491
- Hjemsted, K. 627
- Hori, H. 467
- Hunt, G.R. 171
- Illing, P. 488^b
- Ingham, D.B. 127, 171, 293, 693
- Johnson, A.E. 57
- Kauffer, E. 311, 321
- Keen, C. 281
- Koochaki, Z. 371
- Krantz, S. 197
- Kromhaut, H. 611^{sc}
- Kulmala, I. 511
- Lamont, D.R. 11
- Lange, P.R. 449
- Lange, J.H. 449
- Laszlo, I. 29
- Lee, E. 705^{sc}
- Levin, J.O. 555
- Lindahl, R. 555
- Llewellyn, D.M. 499
- Lowson, D. 719^L
- Lundgren, L. 197
- Lundström, S. 197
- Malchaire, J. 79
- Maldonado, G. 651
- Mark, D. 93
- McDonald, J.C. 645
- McDonald, C. 211
- McIntosh, C. 45
- Mortazavi, S.B. 339
- Mullier, I. 79
- Muriale, L. 705^{sc}
- Newman Taylor, A.J. 719^L
- Nieuwenhuijsen, M.J. 719^L
- Nilsson, C.-A. 397
- Nitescu, I. 361, 371
- Nutley, B.P. 499
- Peixin Hu, D.B. 127
- Pengelly, I. 555
- Petry, T.H. 345
- Piette, A. 79
- Pigott, G.H. 115^L
- Rajan, B. 615
- Redding, C.A.J. 339
- Reinhard, T.K. 449
- Robinson, M. 293, 693
- Rochhi, P.S.J. 583
- Rolfe, P. 615
- Ross, D.J. 645
- Rowell, F.J. 361, 381
- Säämänen, A. 511
- Saarinen, L. 1
- Sahle, W. 29
- Sallie, B. 211
- Samanta, A. 675
- Sandiford, C.P. 719^L
- Saunders, C.J. 57
- Scheider, T. 627
- Schlatter, C. 345
- Schmid, P. 345
- Scobbie, E. 423
- Searl, A. 45
- Sherwood, R.J. 119^b
- Simpson, A.T. 531
- Skogstad, A. 437
- Smith, D. 615
- Španěl, P. 615
- Spence, S.K. 583
- Sundström, S. 197
- Sunesson, A.-L. 397
- Talbäck, M. 661
- Tanaka, I. 467

Author Index

- | | | |
|-------------------------------|---------------------------------|-------------------------------------------|
| Tang, L.X. 381 | van Tongeren, M.J.A. 65 | Wahl, G.A. 651 |
| Tee, R.D. 719 ^c | Vaughan, N.P. 539 | Waldron, H.A. 391, 487 ^b , 491 |
| Thomulka, K.W. 449 | Veissiere, S. 321 | Wen, X. 127 |
| Todd, L.A. 675 | Venables, K.M. 719 ^c | White, J. 499 |
| Trend, S. 705 ^{sc} | Verma, D.K. 477 | White, M.A. 331 |
| Tsai, P.-J. 93, 651 | Vigneron, J.C. 311, 321 | Wiegand, K. 569 |
| Tylee, B.E. ⁿⁿ 711 | Vincent, J.H. 93, 651 | Wilson, H. K. 331 |
| | Vinzents, P.S. 261 | |

